

ATG | BETTER VALUE.
SMARTER CHOICE.

IMPLEMENT TYRE RANGE

 **ALLIANCE**
ENGINEERED TO KEEP YOU AHEAD





BETTER VALUE.
SMARTER CHOICE.



ABOUT ALLIANCE

ALLIANCE TIRE GROUP

Alliance Tire Group (ATG) specializes in the development, manufacturing and sale of Off-Highway Tyres. One of the fastest growing Off-Highway Tyre companies, ATG has a wide range of products for Agricultural, Forestry, Industrial and OTR tyres. ATG owns three world-renowned brands – Alliance, Galaxy and Primex.

ALLIANCE

Established in Israel in 1950, Alliance has a range of over 1000 specialized items, each product is carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tyre for your needs.

Alliance is the market leader in Row Crop and a pioneer in Flotation tyres. Alliance also boasts of a very comprehensive lineup of tyres for tractors, sprayers and spreaders. It offers the widest range in terms of pricing, sizes and patterns, which are available for varied applications which include Agriculture, Industrial / OTR and Forestry machines. Alliance range of radial tyres is popular with leading OEMs and the after-market.

Alliance tyres for implements and front tyres of two wheel drive tractors are designed to provide optimum directional stability and grip. They are available for tractors, baling equipment, tillers, seeders and other towed agricultural equipment.

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* Representative image.
Actual tread design differs from what is shown below.



FarmPRO 303



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TracPRO 303 (Multi Rib & 3 Rib)



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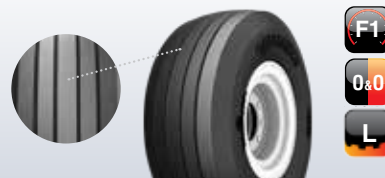
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320 Value Plus



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AS 323 R-1



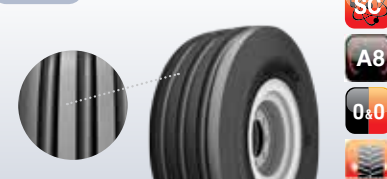
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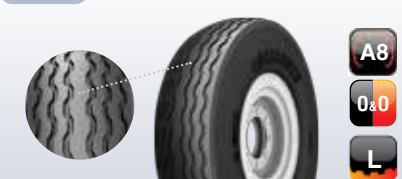
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IMPLEMENTS & FRONTS



F-2



2WD TRACTOR



303

Alliance 303 Steering Wheel F-2 tyre is a 3-rib (front wheel) tyre designed for general farming purposes. It has a raised centre rib to ensure easy steering. The tyre is engineered for quiet rolling and long lasting performance in both on and off-the-road service. The strong nylon construction and use of high grade compounds make it a top quality tyre.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
9.00-16HD	W8 W7 6.00F	234 9.2	855 33.7	394 15.5	2556 100.6	8	3.1	1640	1560	1470	1250	1090	980	870	800
						111A6	45	3610	3440	3240	2750	2400	2160	1920	1760
						103A8									
						10	3.9	1880	1790	1690	1440	1250	1130	1000	910
						116A6	57	4140	3940	3720	3170	2750	2490	2200	2000
						108A8									

303 Tractor Front

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press. bar psi	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in	10 ⁽¹²⁾ 6	15 9				20 12	25 16	30 19	35 22	40 25		
5.00-15	4.00E 4J 3.00D	140 5.5	655 25.8	307 12.1	1979 77.9	4	73A6	2.75	550	520	490	420	365	330	290
							65A8	40	1210	1150	1080	930	800	730	640
							81A6	4.2	690	660	620	530	462	420	370
						6	73A8	61	1520	1450	1370	1170	1020	930	810
							107A6	2	1460	1390	1320	1120	975	880	780
							99A8	29	3220	3060	2910	2470	2150	1940	1720
10.00-16	W8L 8LB	274 10.8	895 35.2	406 16	2650 104.3	4	115A6	2.8	1820	1740	1640	1400	1215	1090	970
							107A8	41	4010	3830	3610	3080	2680	2400	2140
							119A6	3.4	2040	1940	1840	1560	1360	1220	1090
						10	111A8	49	4490	4270	4050	3440	3000	2690	2400
							122A6	3.1	2250	2150	2030	1730	1500	1350	1200
							114A8	45	4960	4740	4470	3810	3300	2970	2640
11.00-16	W8L 10LB 8LB	315 12.4	965 38	436 17.2	2850 112.2	10	78A6	2.5	640	610	570	490	425	380	340
							71A8	36	1410	1340	1260	1080	940	840	750
							80A6	2.3	680	640	610	520	450	410	360
5.50-16	4.00E 4.25KA 4.50E	150 5.9	710 28	332 13.1	2142 84.3	4	73A8	33	1500	1410	1340	1150	990	900	790
							88A6	3.3	840	800	760	640	560	500	450
							80A8	48	1850	1760	1670	1410	1230	1100	990
6.00-16	4.50E 4.00E 4.25KA 5K	165 6.5	735 28.9	341 13.4	2206 86.9	6	94A6	4.4	1010	960	900	770	670	600	540
							87A8	64	2220	2110	1980	1700	1480	1320	1190
							91A6	3.1	920	880	830	710	615	550	490
6.50-16	4.00E 5K 5.5F 4.25KA	175 6.9	760 29.9	353 13.9	2283 89.9	6	83A8	45	2030	1940	1830	1560	1350	1210	1080
							98A6	2.8	1130	1070	1010	860	750	680	600
							90A8	41	2490	2360	2220	1890	1650	1500	1320
7.50-16	5.50F 5K 6LB	205 8.1	805 31.7	370 14.6	2403 94.6	8	103A6	3.7	1310	1250	1180	1010	875	790	700
							96A8	54	2890	2750	2600	2220	1930	1740	1540
							111A6	3.1	1640	1560	1470	1250	1090	980	870
9.00-16	W8 W7 6.00F	234 9.2	855 33.7	394 15.5	2556 100.6	10	103A8	45	3610	3440	3240	2750	2400	2160	1920
							116A6	3.9	1880	1790	1690	1440	1250	1130	1000
							108A8	57	4140	3940	3720	3170	2750	2490	2200
7.50-18	5.50F	205 8.1	860 33.9	395 15.6	2566 101	6	101A6	2.8	1240	1180	1110	950	825	740	660
							94A8	41	2730	2600	2440	2090	1820	1630	1450
							107A6	3.7	1460	1390	1320	1120	975	880	780
						8	99A8	54	3220	3060	2910	2470	2150	1940	1720
							85A6	2.3	770	740	700	590	515	460	410
							77A8	33	1700	1630	1540	1300	1130	1010	900
6.00-19	4.50E	165 6.5	814 32	382 15	2461 96.9	6	93A6	3.3	980	930	880	750	650	590	520
							85A8	48	2160	2050	19425	1650	1430	8555	1150
							97A6	3.1	1100	1040	990	840	730	660	580
6.50-20	4.50E	175 6.9	865 34.1	404 15.9	2608 102.7	6	89A8	45	2420	2290	2180	1850	1610	1450	1280

F-2



2WD TRACTOR



FarmPro 303

Alliance FarmPRO 303 is a tractor front tyre that has an optimised rib design to achieve easy driving ON/OFF road application. The tyre has special low wear special compound and additional rubber in the centre rib to extend life. The specially designed rib angles and radius offer better on road performance. Improved sidewall deflection on loading provides better stability. Additional layer of rubber provided under the tread improves penetration resistance. This aesthetically improved modern F-2 tyre will be available in the complete size range.



* Representative image. Actual tread design differs from what is shown above.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in						Mixed application				
									10(1) (2) 6	20 16	25 19	30 25	40 25
5.00-15	4.00E	140	665	307	1979	4PR	73A6/65A8	2.8	550	490	420	365	-
		5.5	26.2	12.1	77.9			40	1210	1080	930	800	-
10.00-16	W8L	275	895	410	2700	8PR	115A6/107A8	2.8	1820	1640	1400	1215	970
		10.8	35.2	16.1	106.2			41	4010	3610	3080	2680	2140
11.00-16	W8L	315	965	430	2840	8PR	118A6/110A8	2.5	1980	1780	1520	1320	1060
		12.4	38	16.9	111.8			36	4360	3920	3350	2910	2330
5.50-16	4.00E	150	710	330	2145	6PR	86A6/78A8	3.7	800	720	610	530	420
		5.9	28	13	84.4			54	1760	1590	1340	1170	930
6.00-16	4.50E	165	735	348	2245	6PR	88A6/80A8	3.3	840	760	640	560	450
		6.5	28.9	13.7	88.3			48	1850	1670	1410	1230	990
6.50-16	4.00E	175	760	358	2285	6PR	91A6/83A8	3.1	920	830	710	615	490
		6.9	29.9	14.1	89.9			45	2030	1830	1560	1350	1080
7.50-16	5.50FX16	205	805	360	2440	6PR	98A6/90A8	2.8	1130	1010	860	750	600
		8.1	31.7	14.2	96			41	2490	2220	1890	1650	1320
7.50-16	5.50FX16	205	805	380	2460	8PR	103A6/96A8	3.7	1310	1180	1010	875	700
		8.1	31.7	15	96.8			54	2890	2600	2220	1930	1540
9.00-16	W8	234	855	395	2585	10PR	116A6/108A8	3.9	1880	1690	1440	1250	1000
		9.2	33.7	15.6	101.7			57	4140	3720	3170	2750	2200
7.50-18	5.50FX18	205	860	395	2590	8PR	107A6/99A8	3.7	1460	1320	1120	975	780
		8.1	33.9	15.6	101.9			54	3220	2910	2470	2150	1720
4.00-19	3.00DX19	112	716	330	2134	4PR	72A6	3.4	530	480	410	355	280
		4.4	28.2	13	84			49	1170	1060	900	780	620
6.00-19	4.50E	165	814	390	2485	6PR	93A6/85A8	3.3	980	880	750	650	520
		6.5	32	15.4	97.8			48	2160	1940	1650	1430	1150
7.50-20	5.5FX20	205	905	425	2735	8PR	109A6/101A8	3.4	1550	1390	1180	1030	820
		8.1	35.6	16.7	107.6			49	3410	3060	2600	2270	1810



TracPRO 303 (3 Rib)

TracPRO 303 (Multi Rib)

TracPRO 303 F-2 Tractor front tyre is a unique design with grooves on the central rib and notches in the shoulder which endures the tyre with superior traction in wet conditions. The tyre also displays excellent self cleaning because of its tread design. Its special stubble protection compound ensures higher resistance to damages and punctures. This design is available in a 3 Rib and Multi Rib patterns.



TracPRO 303 (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index Speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	165	735	341	2206	8 94A6 87AB	3	800	650	570	530	420
							44	1760	1430	1260	1170	930
							3.6	890	730	630	590	470
							52	1960	1610	1390	1300	1040
							4	950	770	670	630	500
							58	2090	1700	1480	1390	1100
							4.4	1010	900	770	670	540
64	2220	1980	1700	1480	1190							

TracPRO 303 (Multi Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index Speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Mixed application					
		mm in	mm in					mm in	mm in	mm in	mm in		
7.50-16	5.50F	205	805	370	2403	8 103A6 96AB	3.00	1770	1160	950	820	770	620
							44	3900	2560	2090	1810	1700	1370
							3.2	1840	1200	980	860	800	640
							46	4050	2640	2160	1890	1760	1410
							3.4	1910	1250	1020	890	830	660
							49	4210	2750	2250	1960	1830	1450
							3.7	2010	1310	1180	1010	875	700
54	4430	2890	2600	2220	1930	1540							



FarmPRO Imp 327

FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



Speed Rating



On & Off Road



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
									Free rolling				Drive Wheel					
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
400/60-15.5	13	405	874	375	2498	14	145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800		
		15.9	34.4	14.8	98.3		141B	52	8940	7600	6390	5750	6170	5240	4410	3960		
							132A8											
14.0/65-16 360/65-16	11	357	874	388	2590	-	150A8	4.6	4690	3990	3350	3015	3305	2810	2360	2125		
		14.1	34.4	15.3	102		138A8	66	10340	8796	7385	6647	7286	6195	5203	4685		
340/55-16	11	340	780	365	2354	12	133A8	3.4	2880	2450	2060	1850	2030	1730	1450	1310		
		13.4	30.7	14.4	92.7		129B	49	6340	5400	4540	4070	4470	3810	3190	2890		
							121A8											
360/65-16*							118B											
							141A8											
							137B (FR)											
							128A8											
15.0/55-17 (380/55-17)	13	391	850	384	2516	12	125B (DW)											
		15.4	33.5	15.1	99.1		138A8	2.8	3300	2805	2360	2125	2310	1965	1650	1485		
19.0/45-17 (480/45-17)	16	480	865	400	2592	102	125A8	40.6	7285	6190	5200	4685	5090	5330	3635	3275		
							140A8	2.25	3500	2980	2500	2250	2450	2080	1750	1580		
							136B	33	7710	6560	5510	4960	5400	4580	3850	3480		
							127A8											
							123B											
							146A8	2.8	4200	3570	3000	2700	2970	2520	2120	1910		
149A8 136A8	18	18.9	34.1	15.7	102		142B	41	9250	7860	6610	5950	6540	5550	4670	4210		
							134A8											
							130B											
							149A8	3.3	4550	3865	3250	2920	3135	2665	2240	2000		
136A8	48	10030	8520	7165	6435	6910	5875	4935	4410									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	Free rolling				Drive Wheel										
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31						
500/50-17	16	500 19.7	960 37.8	435 17.1	2840 111.8	10	143A8	2	3820	3240	2725	2450	2660	2260	1900	1710		
							139B	29	8410	7140	6000	5400	5860	4980	4190	3770		
							130A8											
							126B											
							149A8	2.75	4550	3870	3250	2930	3140	2670	2240	2020		
							145B	40	10020	8520	7160	6450	6920	5880	4930	4450		
						14	136A8											
							132B											
							154A8	3.5	5250	4460	3750	3375	3605	3065	2575	2320		
							150B	51	11575	9835	8265	7440	7945	6760	5675	5115		
							141A8											
							137B											
12.5/80-18 320/80-18	10	320 12.6	970 38.2	434 17.1	2860 112.6	12	142A8	3.7	3710	3150	2650	2380	2950	2200	1850	1670		
							129A8	54	8180	6945	5840	5245	5710	4850	4075	3680		
16.0/70-20 400/70-20	13	408 16.1	1075 42.3	476 18.7	3112 122.5	12	151A8	3	4830	4105	3450	3105	3400	2890	2430	2185		
							139A8	43.5	10645	9050	7605	6845	7495	6370	5355	4815		
500/55-20	16	503 19.8	1058 41.7	464 18.3	3063 120.6	10	150A8	2.4	4690	3990	3350	3020	3300	2810	2360	2120		
							146B	35	10330	8790	7380	6650	7270	6190	5200	4670		
							138A8											
							134B											
							155A8	3.25	5430	4610	3875	3490	3820	3240	2725	2450		
						12	151B	47	11960	10150	8540	7690	8410	7140	6000	5400		
							143A8											
							139B											
							164A8	3	7000	5950	5000	4500	4900	4170	3500	3150		
							160B	44	15420	13110	11010	9910	10790	9190	7710	6940		
560/60-22.5	16	565 22.2	1250 49.2	547 21.5	3618 142.4	12	152A8											
							148B											
							169A8	3.75	8120	6900	5800	5220	5780	4910	4125	3710		
						16	165B	54	17890	15200	12780	11500	12730	10810	9090	8170		
							157A8											
							154B											
600/55-22.5	20	620 24.4	1250 49.2	547 21.5	3618 142.4	16	170A8	3.5	8400	7140	6000	5400	5880	5000	4200	3780		
							167B	51	18500	15730	13220	11890	12950	11010	9250	8330		
							158A8											
							154B											
700/45-22.5	24	725 28.5	1250 49.2	547 21.5	3618 142.4	12	167A8	2.5	7630	6490	5450	4910	5390	4580	3850	3470		
							163B	36	16810	14300	12000	10810	11870	10090	8480	7640		
							155A8											
							151B											



319

Alliance 319 (Agricultural Implement) is a super low-section implement tyre designed for all on road and off-the-road applications. Its strong nylon construction supports high loads with minimal soil compaction.



Speed Rating



On & Off Road



Traction

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive Wheel			
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
15.0/55-17	13	391 15.4	850 33.5	373 14.7	2470 97.2	10	133A8	2.6	2880	2450	2060	1850	2030	1730	1450	1310
							129 B	38	6340	5400	4540	4070	4470	3810	3190	2890
							121A8									
							118 B									
							140 A8	3.6	3500	2980	2500	2250	2450	2080	1750	1580
							136 B	52	7710	6560	5510	4960	5400	4580	3850	3480
						14	127A8									
							124 B									



351

Alliance 351 is an implement tyre with five-ribs designed for on and off road implement and trailer applications. The tyre can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
									10	25	40	50	10	25	40	50	
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	16	25	31	6	16	25	31			
11.25-24SL Steel Belted	W10H W10 W8 W8H	325 12.8	1171 46.1	530 20.9	3460 136.2	8	128A8	2.2	2520	2140	1800	1620	1750	1490	1250	1130	
							124 B	32	5550	4710	3960	3570	3850	3280	2750	2490	
							116A8										
							112 B										
							134A8	2.7	2970	2520	2120	1910	2100	1790	1500	1350	
							130 B	39	6540	5550	4670	4210	4630	3940	3300	2970	
	12	W10H W10	325 12.8	1273 50.1	580 22.8	3780 148.8	10	122A8									
								119 B									
								138A8	3.3	3300	2810	2360	2120	2310	1960	1650	1490
								134 B	48	7270	6190	5200	4670	5090	4320	3630	3280
								125A8									
								122 B									
11.25-28SL	W10H W10	325 12.8	1273 50.1	580 22.8	3780 148.8	12	139A8	3.3	3400	2890	2430	2190	2380	2020	1700	1530	
							135 B	48	7490	6370	5350	4820	5240	4450	3740	3370	
							126A8										
							123 B										
							142A8	3.7	3710	3150	2650	2390	2590	2200	1850	1670	
							138 B	54	8170	6940	5840	5260	5700	4850	4070	3680	
14	W10H W10	325 12.8	1273 50.1	580 22.8	3780 148.8	14	129A8										
							125 B										



543

Alliance 543 High Speed tyre design is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs.

The tyre provides adequate flotation for machinery and has high density rubber compounding on its tread. This tyre is DOT certified for intermittent highway use.



Speed Rating



On & Off Road



Traction

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					100	62
11L-15FI	8LBx15	264	785	352	2301	Load Range D	4.13	1397	
		10.4	30.9	13.9	90.6		60	3080	
12.5L-15FI	8LBx15	318	820	366	2392	Load Range D	6.2	1796.2	
		12.5	32.3	14.4	94.2		90	3960	
9.5L-15FI	15	246	766	349	2283	Load Range D	4.14	1216	
		9.7	30.2	13.7	89.9		60	2681	



320

Alliance 320 (Agricultural Implement) is a low-section implement tyre with high load capacity and minimum soil compaction. This is an ideal tyre for modern farming designed for on and off road applications. Its strong nylon construction provides superior performances and durability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive Wheel			
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
10.0/75-15.3	9	264 10.4	760 29.9	343 13.5	2243 88.3	10	123A8	3.9	2170	1840	1550	1400	1530	1300	1090	980
							119B	57	4780	4050	3410	3080	3370	2860	2400	2160
							111A8									
							107B									
						12	126A8	4.7	2380	2020	1700	1530	1650	1400	1180	1060
							122B	68	5240	4450	3740	3370	3630	3080	2600	2330
							114A8									
							110B									
						14	130A8	5.5	2660	2260	1900	1710	1850	1570	1320	1190
							126B	80	5860	4980	4190	3770	4070	3460	2910	2620
							118A8									
							114B									
18	135A8	7.1	3050	2595	2180	1960	2100	1785	1500	1350						
	122A8	103	6835	5815	4885	4390	4705	4000	3360	3025						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in	Free rolling					Drive Wheel							
				10 6	25 16				40 25	50 31	10 6	25 16	40 25	50 31		
11.5/80-15.3	9	290 11.4	845 33.3	372 14.6	2456 96.7	8	126A8	2.7	2380	2020	1700	1530	1650	1400	1180	1060
							123B	39	5240	4450	3740	3370	3630	3080	2600	2330
							114A8									
							110B									
						10	131A8	3.4	2730	2320	1950	1760	1900	1620	1360	1220
							127B	49	6010	5110	4300	3880	4190	3570	3000	2690
							119A8									
							115B									
						12	134A8	4.1	2970	2520	2120	1910	2100	1790	1500	1350
							130B	59	6540	5550	4670	4210	4630	3940	3300	2970
							122A8									
							119B									
						14	139A8	4.75	3400	2890	2430	2190	2380	2020	1700	1530
							135B	69	7490	6370	5350	4820	5240	4450	3740	3370
							126A8									
							123B									
						16	142A8	5.5	3710	3150	2650	2390	2590	2200	1850	1670
							138B	80	8170	6940	5840	5260	5700	4850	4070	3680
							129A8									
							125B									
						18	144A8	6.25	3920	3330	2800	2520	2800	2380	2000	1800
							132A8	91	8640	7340	6170	5555	6170	5245	4410	3965
							142A8	4.3	3710	3150	2650	2390	2590	2200	1850	1670
							138B	62	8170	6940	5840	5260	5700	4850	4070	3680
14	129A8															
	125B															
	144A8	4.9	3920	3330	2800	2520	2730	2320	1950	1760						
	140B	71	8630	7330	6170	5550	6010	5110	4300	3880						
16	131A8															
	127B															
	145A8	2.4	3990	3390	2850	2570	2800	2380	2000	1800						
	141B	35	8790	7470	6280	5660	6170	5240	4410	3960						
12	132A8															
	128B															
	135A8	3	3050	2590	2180	1960	2100	1790	1500	1350						
	131B	44	6720	5700	4800	4320	4630	3940	3300	2970						
10	122A8															
	119B															
	134A8	2.8	2970	2520	2120	1910	2100	1790	1500	1350						
	130B	41	6540	5550	4670	4210	4630	3940	3300	2970						
10	122A8															
	119B															
	141A8	4	3610	3060	2575	2320	2520	2140	1800	1620						
	137B	58	7950	6740	5670	5110	5550	4710	3960	3570						
14	128A8															
	125B															

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)							Free rolling				Drive Wheel				
		10	25						40	50	10	25	40	50			
		6	16						25	31	6	16	25	31			
		SW	OD			Load index speed Sym	bar psi										
		mm in	mm in	mm in	mm in			10	25	40	50	10	25	40	50		
500/50-17 Available as D tyre (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8	2	3820	3240	2725	2450	2660	2260	1900	1710	
							139B	29	8410	7140	6000	5400	5860	4980	4190	3770	
							130A8										
							126B										
						14	149A8	2.75	4550	3870	3250	2930	3220	2740	2300	2070	
							145B	40	10020	8520	7160	6450	7090	6040	5070	4560	
							137A8										
							133B										
						16	152A8	3.25	5020	4270	3585	3230	3500	2980	2500	2250	
							149B	47	11060	9410	7900	7110	7710	6560	5510	4960	
							140A8										
							136B										
10.5/80-18	9	274 10.8	885 34.8	406 16	2639 103.9	10	131A8	3.7	2730	2320	1950	1760	1900	1620	1360	1220	
							127B	54	6010	5110	4300	3880	4190	3570	3000	2690	
							119A8										
						12	115B										
							142A8	3.7	3710	3150	2650	2390	2590	2200	1850	1670	
12.5/80-18	9	308 12.1	965 38	432 17	2834 111.6	12	138B	54	8170	6940	5840	5260	5700	4850	4070	3680	
							129A8										
							125B										
						16	148A8	4.9	4410	3750	3150	2840	3050	2590	2180	1960	
							144B	71	9710	8260	6940	6260	6720	5700	4800	4320	
13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	135A8										
							131B										
							138A8	3.6	3300	2810	2360	2120	2310	1960	1650	1490	
						16	134B	52	7270	6190	5200	4670	5090	4320	3630	3280	
							125A8										
							121B										
							144A8	4.9	3920	3330	2800	2520	2730	2320	1950	1760	
						12	140B	71	8630	7330	6170	5550	6010	5110	4300	3880	
							131A8										
							127B										
15.0/70-18	13	391 15.4	990 39	442 17.4	2902 114.3	12	145A8	3.1	4060	3450	2900	2610	2880	2450	2060	1850	
							141B	45	8940	7600	6390	5750	6340	5400	4540	4070	
							133A8										
						16	129B										
							151A8	4.25	4830	4110	3450	3110	3400	2890	2430	2190	
14.5/75-20	12	372 14.6	1060 41.7	476 18.7	3118 122.8	6	147B	62	10640	9050	7600	6850	7490	6370	5350	4820	
							139A8										
						10	135B										
							135A8	1.7	3050	2590	2180	1960	2100	1790	1500	1350	
14.5/75-20	12	372 14.6	1060 41.7	476 18.7	3118 122.8	6	131B	25	6720	5700	4800	4320	4630	3940	3300	2970	
							122A8										
							118B										
						10	145A8	2.5	4060	3450	2900	2610	2800	2380	2000	1800	
							141B	36	8940	7600	6390	5750	6170	5240	4410	3960	
132A8																	
128B																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm	mm	Free rolling				Drive Wheel										
		in	in	mm	mm		mm	mm	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31		
16.0/70-20	14	418 16.5	1075 42.3	481 18.9	3156 124.3	12	151A8	3	4830	4110	3450	3110	3400	2890	2430	2190		
							147B	44	10640	9050	7600	6850	7490	6370	5350	4820		
							139A8											
							135B											
							154A8	3.5	5250	4460	3750	3380	3710	3150	2650	2390		
		14	150B	51	11560	9820	8260	7440	8170	6940	5840	5260						
			142A8															
			138B															



A-320 VALUE PLUS

A 320 Value Plus offers low section tyre specially designed for agricultural tillage implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tyre life. This tyre can be used for grassland and sensitive soil applications and can be used in fields and also on roads.



Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius (mm)	Rolling Circumference (mm)	PR Load Index / Speed Symbol	Inflated Pressure (Bar)	Recommend load, kg (lbs)									
		SW (mm)	OD (mm)					Speed, km/h (mph)									
								Free rolling					Drive Wheel				
								Static -	10 6	25 16	30 18	40 25	Static -	10 6	25 16	30 18	40 25
10.0/75-15.3	9	264	760	343	2243	10	5.3	3070	2400	1980	1850	1650	-	-	-	-	-
		10.4	29.9	13.5	88.3	129A6 125A8	76	6768	5291	4365	4079	3638	-	-	-	-	-
						14	7.5	3760	2945	2430	2240	2000	-	-	-	-	-
11.5/80-15.3	9	290	845	372	2456	14	6.5	4810	3765	3110	2900	2575	-	-	-	-	-
		11.4	33.3	14.6	96.7	145A6 141A8	94	10604	8300	6856	6393	5677	-	-	-	-	-
		307	875	389	2558	14	5.9	5245	4105	3390	3150	2800	-	-	-	-	-
12.5/80-15.3	9	12.1	34.4	15.3	100.7	148A6 144A8	85	11563	9050	7474	6944	6173	-	-	-	-	-
		404	874	377	2510	16	5.5	5940	4650	3840	3550	3150	-	-	-	-	-
		15.9	34.4	14.8	98.8	152A6 148A8	79	13095	10251	8466	7826	6944	-	-	-	-	-
6.00-16	4.00EX16	169	712	330	2160	6PR	2.8	1280	1000	830	775	700	-	-	-	-	-
		6.7	28.0	13.0	85.0	99A6	40	2816	2200	1826	1705	1540	-	-	-	-	-
13.0/55-16	11X16	336	770	345	2350	14PR	4.2	3800	2970	2460	2300	2070	-	-	-	-	-
		13.2	30.3	13.6	92.5	137A6	61	8360	6534	5412	5060	4554	-	-	-	-	-
10.5/65-16	9.00X16	274	755	346	2335	14PR	5.6	3500	2730	2270	2120	1910	-	-	-	-	-
		10.8	29.7	13.6	91.9	134A6	81	7700	6006	4994	4664	4202	-	-	-	-	-
12.5/80-18	W9X18					12PR	3.7	4790	3740	3100	2900	2610	-	-	-	-	-
		308	965	422	2870	145A6 142A8	54	10538	8228	6820	6380	5742	-	-	-	-	-
		12.1	38.0	16.6	112.9	16PR	4.9	5860	4580	3800	3550	3200	-	-	-	-	-
						152A6 148A8	71	12892	10076	8360	7810	7040	-	-	-	-	-



542

Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



Speed Rating On & Off Road Traction

542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in				mm in	mm in	bar psi
11L-14SL	14x8KB	280	754	342	2236	8	2.48	1120	
		11	29.7	13.5	88		36	2470	
9.5L-14SL	7.0x14	241	748	342	2234	8	3.03	1088.6	
		9.5	29.4	13.5	88		44	2400	
11L-15SL	8LBx15	266	780	350	2288	8	2.482	1152	
						12	36	2540	
		10.5	30.7	13.8	90.1	8	3.58	1450	
						12	52	3200	
12.5L-15SL	10LBx15	319	835	372	2431	8	2.5	1361	
						12	36	3000	
		12.6	32.9	14.6	95.7	8	3.03	1551	
						12	44	3420	
6.70-15SL	4Jx15	170	722	327	2136	6	3.033	839	
		6.7	28.4	12.9	84.1		44	1850	
7.60-15SL	7Jx15	208	737	333	2175	8	3.585	1100	
		8.2	29	13.1	85.6		52	2405	
9.5L-15SL	8LBx15	249	768	352	2267	8	3.03	1120	
						12	44	2470	
		9.8	30.2	13.9	89.3	8	4.4	1450	
						12	64	3200	
21.5L-16.1 SL*						18			

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm in	mm in					48 30
11.00-16SL	8.0x16	315	949	420	2746	12	3.45	2240.7
		12.4	37.4	16.5	108.1			4940
7.50-16SL	5.5Fx16	217	788	363	2370	8	3.3	1060
		8.5	31	14.3	93.3			2340
9.00-16SL	6LBx16	264	856	390	2547	10	3.6	1500
		10.4	33.7	15.4	100.3			3300
19L-16.1SL	W16Cx16.1	480	1060	462	3020	12	2.5	2993.5
		18.9	41.7	18.2	118.9			6600
21.5L-16.1SL	W18x16.1	545	1139	494	3226	10	1.9	2993.5
		21.5	44.8	19.4	127			6600



222

Alliance 222 Agricultural Implement tyre is a multi-rib, low-section design that provides high flotation. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft, dry sand the tyre can also be mounted on drive wheels.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
									Free rolling				Drive Wheel						
									10	25	40	50	10	25	40	50			
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	6	16	25	31	6	16	25	31					
11L-15	W8L 8LB 10LB	279	777	339	2245	10	116A8	G →	3	1750	1490	1250	1130	1230	1040	875	790		
		11	30.6	13.3	88.4		112 B		44	3850	3280	2750	2490	2710	2290	1930	1740		
							103A8												
							100 B												
16.5L-16.1SL SL	14LB W14C	419	1024	438	2922	10	138A8	G →	2.5	3300	2810	2360	2120	2310	1960	1650	1490		
		16.5	40.3	17.2	115		134 B		36	7270	6190	5200	4670	5090	4320	3630	3280		
							125A8												
							122 B												
15.0/55-17	13	391	850	373	2465	18	150A8	G →	6	4620	3930	3300	2970	3280	2780	2340	2110		
		15.4	33.5	14.7	97		146 B		87	10180	8660	7270	6540	7220	6120	5150	4650		
							138A8												
							134 B												
19.0/45-17	16	480 18.9	850 33.5	375 14.8	2470 97.2	10	138A8	G →	2.25	3300	2810	2360	2120	2310	1960	1650	1490		
							134B		33	7270	6190	5200	4670	5090	4320	3630	3280		
							125A8												
							122B												
							143A8		G →	4	3820	3250	2730	2460	2670	2270	1910	1720	
							139 B			58	8410	7160	6010	5420	5880	5000	4210	3790	
	14	130A8	G →																
126 B																			
20.00-20	16 20SDC	498 19.6	1400 55.1	598 23.5	3991 157.1	20	169A8	G →	3.9	8120	6900	5800	5220	5600	4760	4000	3600		
							165 B		57	17890	15200	12780	11500	12330	10480	8810	7930		
							156A8												
							153 B												

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Free rolling				Drive Wheel					
		SW	OD	10	25		40		50	10	25	40	50					
		mm in	mm in	6	16		25		31	6	16	25	31					
21.0/80-20	16SDC	525 20.7	1384 54.5	580 22.8	3900 153.5	12	166A8	2.2	7420	6310	5300	4770	5250	4460	3750	3380		
							162 B		32	16340	13900	11670	10510	11560	9820	8260	7440	
							154A8											
							150 B											
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3580 140.9	12	160A8	2.1	6300	5360	4500	4050	4410	3750	3150	2840		
							156B		30	13880	11810	9910	8920	9710	8260	6940	6260	
							148A8											
							144B											
							167A8		2.8	7630	6490	5450	4910	5250	4460	3750	3380	
							163 B			41	16810	14300	12000	10810	11560	9820	8260	7440
600/55-22.5	20.00DC	602 23.7	1235 48.6	533 21	3540 139.4	16	154A8	2.6	8120	6900	5800	5220	5600	4760	4000	3600		
							169A8		38	17890	15200	12780	11500	12330	10480	8810	7930	
							166B											
							156A8											
							153B											

R-1



AS 323

Alliance AS-323 Agriculture tyre is designed for tractors, implements, self-propelled harvesting equipment and light industrial / construction applications. It has superior carcass and bead construction which ensures longer tyre life. The extra deep lug provides excellent performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Free Rolling				Cyclic Applications				
		SW	OD					Static	10	25	40	50	10	25	40	50
		mm in	mm in					mm in	6	16	25	31	6	16	25	31
10.0/75-15.3	9	264	780	348	2293	10	3.9	-	2170	1845	1550	1395	1525	1300	1090	980
		10.4	30.7	13.7	90.3	123A8	56	-	4785	4065	3415	3075	3360	2865	2400	2160
						111A8										
11.5/80-15.3	9	290	867	382	2550	12	4.1	-	3050	2595	2180	1960	2170	1845	1550	1395
		11.4	34.1	15	100.4	135A8	60	-	6725	5720	4805	4320	4785	4065	3415	3075
						123A8										
7.50-16	5.5	209	805	362	2367	8	3.25	-	1570	1335	1120	1010	1085	925	775	700
		8.2	31.7	14.3	93.2	112A8	47	-	3460	2940	2470	2225	2390	2040	1705	1540
						99A8										



571

Alliance 571 Trailer tyre represents an exceptional solution for Agricultural and Utility trailers. High flotation capability is the main characteristic of this tyre enabling efficient ground protection for Turf and Grassland applications. The tyre structure including strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl pressure	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Mixed application								
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
340/65R18	11	340	892	401	2727	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
	W11	13.4	35.1	15.8	107.4	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

F-2



TRAILER



2WD TRACTOR



313

Alliance 313 tyre is a multipurpose low-section steering wheel tyre for heavy duty tractors. It provides excellent flotation on the field and high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee longer tyre life.



Special Compound



Speed Rating



On & Off Road



Flotation

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
14L-16.1SL SL	W11C	346	986	450	2930	8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
		13.6	38.8	17.7	115.4		116 A8	36	5950	5130	4600	3920	3410	3080	2730

313 Industrial Tractor

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					10 ⁽¹²⁾ 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
14L-16.1SL SL	W11C	346	986	450	2930	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030	
							109 A8	28	4910	4250	3810	3260	2830	2560	2270	
							8	123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
								116 A8	36	5950	5130	4600	3920	3410	3080	2730
						10	127 A6	3	3040	2630	2360	2010	1750	1580	1400	
							120 A8	44	6700	5790	5200	4430	3850	3480	3080	



223

Alliance 223 Implement I-1 is a heavy-duty tyre designed to carry heavy loads under tough field conditions. The strong nylon construction ensures longer tyre life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
									Free rolling				Drive Wheel			
		mm in	mm in						10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9	8	119A8	2.4 35	1900 4190	1620 3570	1360 3000	1220 2690	1330 2930	1130 2490	950 2090	860 1890
							106A8									
							102 B									
							123A8									
							120 B									
							111A8									
12	107 B	3.1 45	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160						



324

Alliance 324 is a heavy duty tractor drive tyre for all types of heavy service. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to cuts and abrasions. The tyres are available with steel breakers.

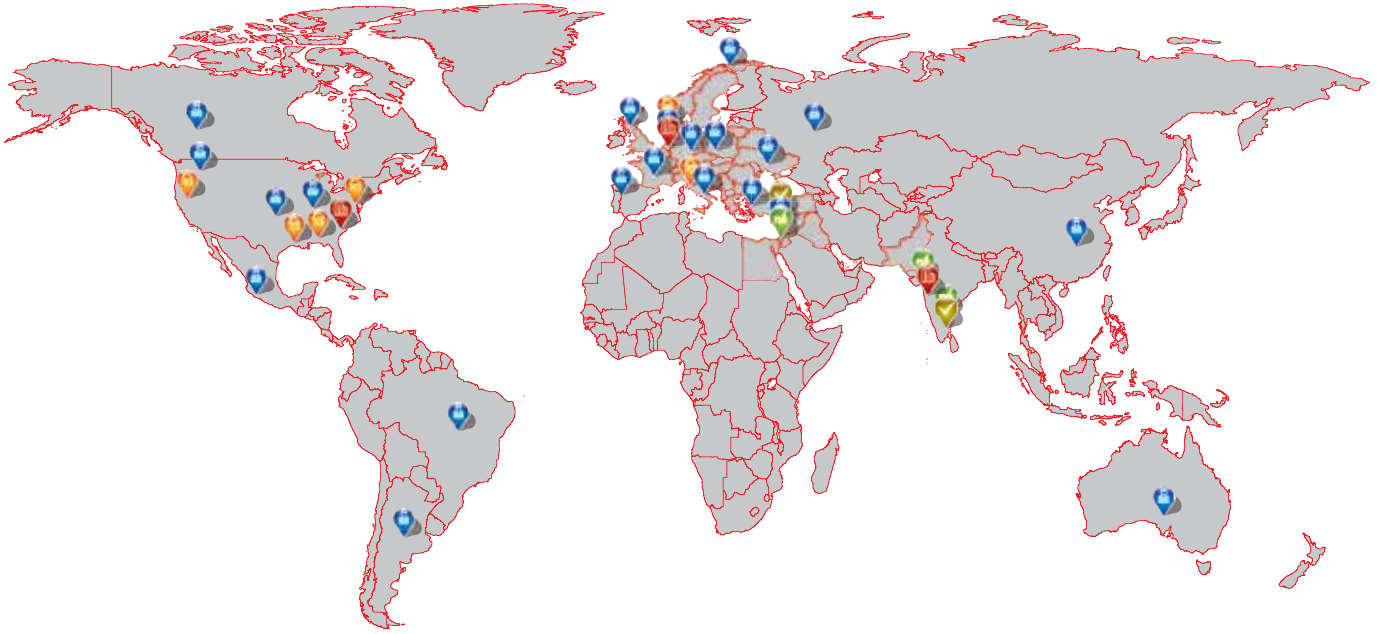







324 Implement

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
									Free rolling				Drive Wheel				
									10	20	30	40	10	20	30	40	
mm in	mm in	mm in	mm in	bar psi	6	12	19	25	6	12	19	25					
6.50/80-12	5.00F	163 6.4	558 22	270 10.6	1719 67.7	6	93A6	↔	3.6 52	840 1850	740 1630	650	590	580	510	450	410
							89 A8	↔				1430	1300	1280	1120	990	900
							80A6	↔									
							77 A8	↔									
6.50/80-15	5.00F	163 6.4	663 26.1	295 11.6	1942 76.5	6	98A6	↔	3.6 52	970 2140	860 1890	750	680	680	600	530	480
							94 A8	↔				1650	1500	1500	1320	1170	1060
							86A6										
							83 A8										
6.50-16	5.50F	189 7.4	754 29.7	347 13.7	2250 88.6	6	99A6	↔	2.7 39	1000 2200	880 1940	775	700	700	620	545	490
							96 A8	↔				1710	1540	1540	1370	1200	1080
							87A6	↔									
						8	83 A8	↔									
							105A6	↔									
							101A8	↔				3.8 55	1190 2620	1050 2310	925 2040	830 1830	840 1850
93A6	↔																
90 A8	↔																

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive	Infl. press.	Recommend load, kg (lbs)														
		Wheel					Speed, km/h (mph)																
		SW	OD	Free rolling				Drive Wheel															
		mm in	mm in	10 6	20 12		30 19	40 25	10 6	20 12	30 19	40 25											
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	4	96A6	1.5 22	920 2030	810 1780	710 1560	640 1410	650 1430	570 1260	500 1100	450 990							
							84A6										80 A8						
							112A6										108A8	99A6	96 A8				
							116 A6										112 A8	103 A6	99 A8				
		8.25-16	6.00F	229	818	371	2450	6	109A6	2 29	1330 2930	1170 2580	1030 2270	930 2050	940 2070	830 1830	730 1610	660 1450					
									105A8										97 A6	94 A8			
									115A6										111A8	102A6	99 A8		
									114A6										110A8	102A6	99 A8		
				7.00-18	5.00F	178	803	373	2413	4	114A6	1.3 19	1520 3350	1350 2970	1180 30	1060 2330	1100 2420	970 2140	850 1870	770 1700			
											110A8										102A6	99 A8	
											123A6										120A8	112A6	108 A8
											120A8										112A6	108 A8	

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